

FAME India

Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India

(Ministry of Heavy Industries)

July 11, 2022

Introduction

In recent years, there has been a significant increase in pollution from vehicle emissions. To reduce pollution caused by diesel and petrol-operated vehicles and to promote manufacturing of electric and hybrid vehicles, the Central Government launched the [Faster Adoption and Manufacturing of \(Hybrid &\) Electric Vehicles in India \(FAME India\)](#)¹ Scheme in 2015.

Background

The [National Electric Mobility Mission Plan \(NEMMP\) 2020](#)² was launched in 2013 to achieve national fuel security by promoting hybrid and electric vehicles in the country. As part of the NEMMP 2020, the Ministry of Heavy Industries launched **FAME India Scheme in 2015** to promote adoption of electric/hybrid vehicles (xEVs) in India.

FAME India Scheme operates in two phases. These are,

- **Phase I:** The first phase of Fame India Scheme started in 2015 and was functional till 31st March 2019 with a budget outlay of Rs 895 Crore.
- **Phase II:** The second phase of this scheme started in April 2019 and will continue till 31st March 2024.



2.85 lakh buyers of electric/hybrid vehicles provided **subsidy of Rs 360 Crore** under FAME India scheme



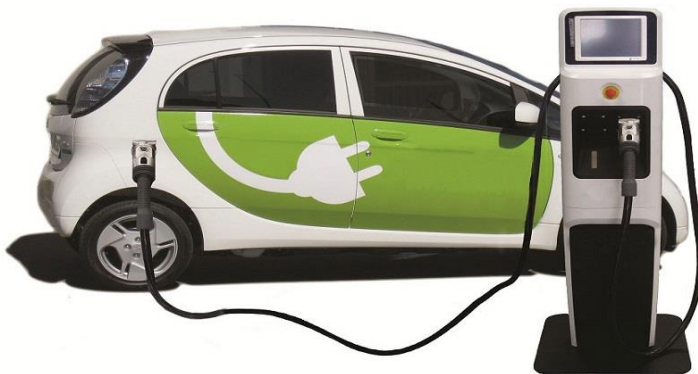
The **second phase of FAME India** has commenced from 01 April, 2019 for a period of 3 years

¹ <https://fame2.heavyindustries.gov.in/>

² <https://pib.gov.in/newsite/printrelease.aspx?relid=116719>

FAME India – Phase I³

FAME India Phase I had four focus areas - technological development, demand generation, pilot project and charging infrastructure components. The phase was available up to March 31, 2019 with budget outlay of Rs 895 Cr.



Achievements under FAME India – Phase 1

- About **2.8 lakh xEVs** supported with total demand incentives of approximately Rs. 360 Crore.
- **425 electric and hybrid buses** were deployed across various cities in the country with a Government incentive of about Rs. 280 crores.
- **520 Charging Stations/ Infrastructure for Rs. 43 crores (approx.)** were sanctioned.

The [details of funds earmarked⁴](#) and utilized under Phase-I of FAME India Scheme is tabulated below:

S. No.	Financial Year	Fund Allocated (in Rs Crores)	Fund Utilization (in Rs Crores)
1	2015-16	75	75
2	2016-17	144	144
3	2017-18	165	165
4	2018-19	145	145
TOTAL		529	529

³ <https://pib.gov.in/PressReleasePage.aspx?PRID=1795444>

⁴ <https://pib.gov.in/PressReleasePage.aspx?PRID=1577880>

FAME India – Phase 2⁵

Based on the experience gained during Phase I of FAME Scheme and suggestions of various stakeholders including industry associations, Phase II was approved with an outlay of Rs. 10,000 crores⁶ for a period of five years commencing from April 01, 2019.

FAME –II Redesigned⁷

FAME India II Scheme was **redesigned in June 2021** based on experience particularly during Covid-19 pandemic and feedback from industry and users. The redesigned scheme aims at faster proliferation of Electric Vehicles by lowering the upfront costs.



Following amendments have been made in the scheme:

- **FAME II has been extended for a further period of 2 years** i.e. up to March 31, 2024
- **For Electric 2 Wheelers**, demand incentive has been increased from Rs. 10,000/KWh to Rs 15,000/KWh with maximum cap increased from 20% to 40% of the cost of vehicles.
- **For Electric 3 Wheelers**, aggregation will be the key method to bring the upfront cost at an affordable level and at par with ICE-3 Wheelers. Energy Efficiency Services Limited (EESL) will aggregate demand for 3 lakh Electric 3 Wheelers for multiple user segments.
- **For Electric Buses**, 9 cities with over 4 million population (Mumbai, Delhi, Bangalore, Hyderabad, Ahmedabad, Chennai, Kolkata, Surat and Pune) will be targeted. EESL will aggregate the demand in these 9 cities for the remaining Electric Buses under the scheme on OPEX basis.

After remodelling of FAME II in June 2021 sale of electric two wheelers have increased to over 5000 per week from 700 per week before remodelling.

⁵ <https://www.pib.gov.in/PressReleaseDetail.aspx?PRID=1795444>

⁶ [Cabinet approves Scheme for FAME India Phase II \(pib.gov.in\)](https://www.pib.gov.in/PressReleasePage.aspx?PRID=1784161)

⁷ <https://www.pib.gov.in/PressReleasePage.aspx?PRID=1784161>



A Big Push Towards PM's Vision of Sustainable Transportation under FAME Scheme (2/2)



FAME Phase II



Being implemented for 3 years w.e.f. 1st April'19, with a budgetary support of ₹10,000 crore



To support approx. 7000 e-Buses, 5 lakh e-3 Wheelers, 55000 e-4 Wheeler Passenger Cars, 10 lakh e-2 Wheelers & creation of charging infrastructure



670 new Electric buses sanctioned for Maharashtra, Goa, Gujarat & Chandigarh



241 new Charging Stations sanctioned for Madhya Pradesh, Tamil Nadu, Kerala, Gujarat & Port Blair



[Achievements of FAME India – Phase II](#)⁸ (till February 2022)

Under this phase, major emphasis is placed on electrification of public transportation that includes shared transport.

- **4,69,315 Electric Vehicles have been supported** by way of Demand Incentive amounting to about Rs. 1869 crores ([as on July 11, 2022](#)).
- **6315 e-buses sanctioned** to 65 cities/STUs/CTUs/ State Govt. entities for intracity and intercity operations across 26 states/UT under the Scheme.
- **2877 charging stations sanctioned** in 68 cities across 25 states/UTs
- **50 Original Equipment Manufacturers (OEMs)**⁹, both start-up and established manufacturers, have registered and revalidated their 106 electric vehicle models
- Sale of electric two wheelers vehicles has increased manifold

With greater emphasis on providing affordable and environment-friendly public transportation options for the masses, FAME India Phase II will be applicable [mainly to vehicles used for public transport](#)¹⁰ or those registered for commercial purposes in e-3W, e-4W and e-bus segments. However, privately owned registered e-2Ws are also covered under the scheme as a mass segment.

⁸ <https://www.pib.gov.in/PressReleaseDetail.aspx?PRID=1795444>

⁹ <https://pib.gov.in/PressReleaselframePage.aspx?PRID=1806139>

¹⁰ https://fame2.heavyindustries.gov.in/content/english/1_1_AboutUs.aspx

References:

<https://pib.gov.in/newsite/printrelease.aspx?relid=116719>

<https://fame2.heavyindustries.gov.in/>

<https://pib.gov.in/PressReleaseIframePage.aspx?PRID=1795444>

<https://pib.gov.in/PressReleasePage.aspx?PRID=1577880>

[Ministry of Heavy Industries sanctions 1576 EV Charging Stations across 16 Highways & 9 Expressways under Phase-II of FAME India Scheme \(pib.gov.in\)](#)

[Cabinet approves Scheme for FAME India Phase II \(pib.gov.in\)](#)

<https://pib.gov.in/PressReleaseIframePage.aspx?PRID=1806139>

<https://pib.gov.in/PressReleasePage.aspx?PRID=1784161>

Video links:

<https://www.youtube.com/watch?v=JQPQErqapsM>

<https://www.youtube.com/watch?v=tr9vNV0TGck>

<https://www.youtube.com/watch?v=Xc1u5t3CM8k>

Twitter Links:

https://twitter.com/PIB_India/status/1147022582308200448?s=20&t=K8H7dTspUxxYg979ByYJag

<https://twitter.com/NITIAayog/status/1101474743692083201?s=20&t=eRzeArxRpOkIwyNUkV3j4A>

<https://www.youtube.com/watch?v=62bSWb1zyP0>

AG/HP/RC/MZ/SS